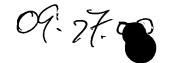
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PTO/SB/05 (12/97)

Approved for use through 09/30/00. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

	UTILITY PATENT APPLICATION TRANSMITTAL (Only for new nonprovisional applications under 37 CFR 1.53(b)				
Attorney Do	ocket No. <u>042390.P9043</u>	Total Pages2_			
First Named	First Named Inventor or Application Identifier Ganesh Subramaniyam				
Express Ma	Express Mail Label No EL617210509US				
ADDRESS TO: Assistant Commissioner for Patents Box Patent Application Washington, D. C. 20231					
4	ON ELEMENTS chapter 600 concerning utility patent application contents.	.			
1. <u>X</u>	Fee Transmittal Form (Submit an original, and a duplicate for fee processing)				
2. <u>X</u>	2. X Specification (Total Pages 18) (preferred arrangement set forth below) - Descriptive Title of the Invention - Cross References to Related Applications - Statement Regarding Fed sponsored R & D - Reference to Microfiche Appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claims - Abstract of the Disclosure				
3. <u>x</u>	Drawings(s) (35 USC 113) (Total Sheets 4)				
4	Oath or Declaration (Total Pages) a Newly Executed (Original or Copy) b Copy from a Prior Application (37 CFR 1.63(d)) (for Continuation/Divisional with Box 17 completed)	•			
	i <u>DELETIONS OF INVENTOR(S)</u> Signed statemen	nt attached deleting			

5. Incorporation By Reference (useable if Box 4b is checked)

and 1.33(b).

The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

inventor(s) named in the prior application, see 37 CFR 1.63(d)(2)

Microfiche Computer Program (Appendix) 6.

	7 Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a Computer Readable Copy b Paper Copy (identical to computer copy) c Statement verifying identity of above copies						
		ACCOMPANYING APPLICATION PARTS					
8. 9.	_	Assignment Papers (cover sheet & documents(s)) a. 37 CFR 3.73(b) Statement (where there is an assignee)					
	_	b. Power of Attorney					
10.		English Translation Document (if applicable)					
11.		a. Information Disclosure Statement (IDS)/PTO-1449					
	_	b. Copies of IDS Citations					
12.	_	Preliminary Amendment					
13.	_	Return Receipt Postcard (MPEP 503) (Should be specifically itemized)					
14.	_	a. Small Entity Statement(s)					
		b. Statement filed in prior application, Status still proper and desired					
15.	_	Certified Copy of Priority Document(s) (if foreign priority is claimed)					
16.		Other:					
17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information: Continuation Divisional Continuation-in-part (CIP) of prior application No:							
17.	If a (Continuation Divisional Continuation-in-part (CIP)					
17.		Continuation Divisional Continuation-in-part (CIP)					
		Continuation Divisional Continuation-in-part (CIP) of prior application No: orrespondence Address stomer Number or Bar Code Label					
		Continuation Divisional Continuation-in-part (CIP) of prior application No: orrespondence Address					
	Co _ Cu	Continuation Divisional Continuation-in-part (CIP) of prior application No: prespondence Address stomer Number or Bar Code Label (Insert Customer No. or Attach Bar Code Label here)					
18.	Co	Continuation Divisional Continuation-in-part (CIP) of prior application No: prespondence Address stomer Number or Bar Code Label (Insert Customer No. or Attach Bar Code Label here) or					
18. X	CuCu	Continuation Divisional Continuation-in-part (CIP) of prior application No: prespondence Address stomer Number or Bar Code Label					
18. X	Co Co Co	Continuation Divisional Continuation-in-part (CIP) of prior application No: prespondence Address stomer Number or Bar Code Label					
18. X	Co Co Co	Continuation Divisional Continuation-in-part (CIP) of prior application No: prespondence Address astomer Number or Bar Code Label					
18. X NAM	Co _ Co E _	Continuation Divisional Continuation-in-part (CIP) of prior application No: prespondence Address stomer Number or Bar Code Label					







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FEE TRANSMITTAL FOR FY 2000						
TOTAL AMOUNT OF PAYMENT (\$) 822.00						
Complete if Known: Application No. Unknown Filing Date Herewith First Named Inventor Ganesh Subramaniyam Group Art Unit Examiner Name						
	ey Docke		2390.P9			
METI	HOD OF	PAYME	NT (che	eck one)		
1.	[X]		The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:			
				unt Number <u>02-2666</u> unt Name	_ _	
	[X]	Charge	e Any A	Additional Fee Required Under 37 CFR 1.16 and 1	.17	
2.	X	Payme _X	ent Encle Check Mone Other	k ey Order		
FEE (CALCU	LATION				
1.	BASIC	FILING F	EE			
Large	Entity	<u>Small</u>	Entity			
Fee Code 101 106 107 108 114	Fee (\$) 690 310 480 690 150	Fee Code 201 206 207 208 214	Fee (\$) 345 155 240 345 75	Fee Description Utility application filing fee Design application filing fee Plant filing fee Reissue filing fee Provisional application filing fee		Fee Paid 690.00
				SUBTO	OTAL (1) \$ <u>69</u>	00.00
2.	EXTRA	CLAIM	FEES	-	ee from	
Inder Multi	ple Dep	Claims _ endent			18.00 = 78.00 =	54.00 78.00
_	Entity	<u>Small</u>				
Fee Code 103 102 104 109 110	Fee (\$) 18 78 260 78 18	Fee Code 203 202 204 209 210	Fee (\$) 9 39 130 39 9	Fee Description Claims in excess of 20 Independent claims in excess of 3 Multiple dependent claim, if not paid **Reissue independent claims over original pa **Reissue claims in excess of 20 and over orig	jinal patent	132.00
				2081	TOTAL (2) \$	132.00



FEE CALCULATION (continued)

3. ADDITIONAL FEES

Series	3.	ADDITIO	NAL FEE	5		
Fee	Large	Entity	Small E	intity		
Code S						
105					Fee Description	Fee Paid
127 50 227 25 Surcharge - late provisional filling fee or cover sheet 139 130 139 130 Non-English specification 147 2,520 147 2,520 For filling a request for reexamination 1290" 12920" 12920" Requesting publication of SIR prior to Examiner action 1,840" 113 1,840" 113 1,840" 13 1,840" 143 1,840" 155 Extension for response within first month Examiner action 116 380 216 190 Extension for response within second month 117 870 217 435 Extension for response within first month 118 1,360 218 680 Extension for response within first month 118 1,360 218 680 Extension for response within first month 128 1,850 228 925 Extension for response within first month 128 1,850 228 925 Extension for response within first month 128 1,850 228 925 Extension for response within first month 128 1,850 228 925 Extension for response within first month 128 1,850 228 925 Extension for response within first month 128 1,850 221 130 Request for oral hearing 120 300 220 150 Filing a brief in support of an appeal 121 260 221 130 Request for oral hearing 128 130 138 1,510 138 1,510 138 1,510 138 1,510 Petition to institute a public use proceeding 141 1,210 241 605 Petition to revive unintentionally 242 605 Petition to revive unintentionally 243 243 245 Petition to revive unintentionally 243 243 245 Petition to revive unintentionally 244 245 Petition to revive unintentionally 245 246 247 247 248 248 Petitions to the Commissioner 123 130 Petitions to the Commissioner 124 1,210 242 605 Utility issue fee (or reissue) 143 430 243 243 245 Petitions to the Commissioner 146 690 246 345 For fellow to the Commission after final rejection (see 37 CFR 1.129(a)) 149 690 249 345 For each additional invention to be examined (see 37 CFR 1.129(a)) 149 140 1						
139			227	25		
147					• •	
147	139	130	139	130	Non-English specification	
112 920* 112 920* Requesting publication of SIR prior to Examiner action	147	2,520	147	2,520	For filing a request for reexamination	
113	112	920*	112	920*	Requesting publication of SIR prior to	
Examiner action						
115	113	1,840*	113	1,840*		
116						
117						
118						
128						
119 300 219 150 Notice of Appeal						
120 300 220 150						
121 260 221 130 Request for oral hearing						
138						
140						
141						
141 1,210 241 605 Petition to revive unintentionally abandoned application 142 1,210 242 605 Utility issue fee (or reissue) 143 430 243 215 Design issue fee 144 580 244 290 Plant issue fee 122 130 122 130 Petitions to the Commissioner 123 50 123 50 Petitions related to provisional applications 126 240 126 240 Submission of Information Disclosure Stmt 581 40 581 40 Recording each patent assignment per property (times number of properties) 146 690 246 345 For filing a submission after final rejection (see 37 CFR 1.129(a)) 149 690 249 345 For each additional invention to be examined (see 37 CFR 1.129(a)) Other fee (specify) SUBTOTAL (3) \$ 0 *Reduced by Basic Filling Fee Paid SUBMITTED BY: Typed or Printed Name: Mark L. Watson Signature Date 9/25/00 Reg. Number 46,322 Deposit Account User ID	140	110	240	55	•	
abandoned application 142	1/11	1 210	2/1	605		
142 1,210 242 605 Utility issue fee (or reissue) 143 430 243 215 Design issue fee 144 580 244 290 Plant issue fee 122 130 122 130 Petitions to the Commissioner 123 50 123 50 Petitions related to provisional applications 126 240 126 240 Submission of Information Disclosure Stmt 581 40 581 40 Recording each patent assignment per property (times number of properties) 146 690 246 345 For filling a submission after final rejection (see 37 CFR 1.129(a)) 149 690 249 345 For each additional invention to be examined (see 37 CFR 1.129(a)) Other fee (specify) SUBMITTED BY: Typed or Printed Name: Mark L. Watson Signature Date 9/2 5/00 Reg. Number 46,322 Deposit Account User ID	171	1,210	27.	000		
143 430 243 215 Design issue fee 144 580 244 290 Plant issue fee 122 130 122 130 Petitions to the Commissioner 123 50 123 50 Petitions related to provisional applications 126 240 126 240 Submission of Information Disclosure Stmt 581 40 581 40 Recording each patent assignment per property (times number of properties) 146 690 246 345 For filing a submission after final rejection (see 37 CFR 1.129(a)) 149 690 249 345 For each additional invention to be examined (see 37 CFR 1.129(a)) Other fee (specify) SUBMITTED BY: Typed or Printed Name: Mark L. Watson Submitted Name: Mark L. Watson Date Poposit Account User ID	142	1.210	242	605		
144 580 244 290 Plant issue fee 122 130 122 130 Petitions to the Commissioner 123 50 123 50 Petitions related to provisional applications 126 240 126 240 Submission of Information Disclosure Stmt 581 40 581 40 Recording each patent assignment per property (times number of properties) 146 690 246 345 For filling a submission after final rejection (see 37 CFR 1.129(a)) 149 690 249 345 For each additional invention to be examined (see 37 CFR 1.129(a)) Other fee (specify) Other fee (specify) SUBMITTED BY: Typed or Printed Name: Mark L. Watson Signature Deposit Account User ID						
122						
126	122	130	122	130	Petitions to the Commissioner	
581 40 581 40 Recording each patent assignment per property (times number of properties) 146 690 246 345 For filing a submission after final rejection (see 37 CFR 1.129(a)) 149 690 249 345 For each additional invention to be examined (see 37 CFR 1.129(a)) Other fee (specify) Other fee (specify) SUBTOTAL (3) \$ 0 *Reduced by Basic Filling Fee Paid SUBMITTED BY: Typed or Printed Name: Mark L. Watson Signature Date 7/25/00 Reg. Number 46,322 Deposit Account User ID	123	50	123	50	Petitions related to provisional applications	
property (times number of properties) 146 690 246 345 For filing a submission after final rejection (see 37 CFR 1.129(a)) 149 690 249 345 For each additional invention to be examined (see 37 CFR 1.129(a)) Other fee (specify) Other fee (specify) SUBTOTAL (3) \$ 0 *Reduced by Basic Filing Fee Paid SUBMITTED BY: Typed or Printed Name: Mark L. Watson Signature Date 9/25/00 Reg. Number 46,322 Deposit Account User ID	126	240	126	240		
146 690 246 345 For filling a submission after final rejection (see 37 CFR 1.129(a)) 149 690 249 345 For each additional invention to be examined (see 37 CFR 1.129(a)) Other fee (specify) Other fee (specify) SUBTOTAL (3) \$ 0 *Reduced by Basic Filling Fee Paid SUBMITTED BY: Typed or Printed Name: Mark L. Watson Signature Date 9/25/00 Reg. Number 46,322 Deposit Account User ID	581	40	581	40	Recording each patent assignment per	
(see 37 CFR 1.129(a)) 149 690 249 345 For each additional invention to be examined (see 37 CFR 1.129(a)) Other fee (specify) Other fee (specify) SUBTOTAL (3) \$0 *Reduced by Basic Filing Fee Paid SUBMITTED BY: Typed or Printed Name: Mark L. Watson Signature Date 9/25/00 Reg. Number 46,322 Deposit Account User ID						
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(see 37 CFR 1.129(a)) Other fee (specify) Other fee (specify) SUBTOTAL (3) \$ 0 *Reduced by Basic Filling Fee Paid SUBMITTED BY: Typed or Printed Name: Mark L. Watson Signature Date 9/25/00 Reg. Number 46,322 Deposit Account User ID	4.00		0.40	0.45		
Other fee (specify) Other fee (specify) SUBTOTAL (3) \$ 0 *Reduced by Basic Filing Fee Paid SUBMITTED BY: Typed or Printed Name: Mark L. Watson Signature Date 9/25/00 Reg. Number 46,322 Deposit Account User ID	149	690	249	345		
SUBTOTAL (3) \$ 0 *Reduced by Basic Filling Fee Paid SUBMITTED BY: Typed or Printed Name: Mark L. Watson Signature Date 9/25/00 Reg. Number 46,322 Deposit Account User ID					(See 37 CFR 1.129(a))	
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SUBMITTED BY: Typed or Printed Name: Mark L. Watson Signature Date 9/25/00 Reg. Number 46,322 Deposit Account User ID					SUBTOTAL (3)	\$ <u>0</u>
SUBMITTED BY: Typed or Printed Name: Mark L. Watson Signature Date 9/25/00 Reg. Number 46,322 Deposit Account User ID						
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Signature Date 9/25/00 Reg. Number 46,322 Deposit Account User ID	Туре	d or Printe	ed Name:	<u>Mark</u>		
Reg. Number 46,322 Deposit Account User ID			M 1.		Date 9/25/00)
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(complete if applicable)	Reg.	Number	<u>46,322</u>			-4-161t1-1
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01/10/2000



EXPRESS MAIL CERTIFICATE OF MAILING

I hereby certify that I a be deposited with the I "Express Mail Post Off the date indicated abo has been addressed to for Patents, Washingto	m causing this paper or fee to United States Postal Service lice to Addressee" service on ve and that this paper or fee the Assistant Commissioner on, D. C. 20231
ton O	e of person mailing paper or fee)
(Signature of person m	
(Date signed)	
BSTZ File No.: 042390. P9043	Filing/Issue Date: Herewith Maintaining the Temperature of a re Assisted Interrupt Mechanism Atty/Secty Initials: MLW/lc
Date Mailed: 09/25/00 The following has been received in the U.S. Pa	Docket Due Date: tent & Trademark Office on the date stamped hereon:
Amendment/Response (pgs.) Appeal Brief (pgs.) (in triplicate) Application - Utility (8 pgs., with cover and abstract) Application - Rule 1.53(b) Continuation (pgs.) Application - Rule 1.53(b) Divisional (pgs.) Application - Rule 1.53(b) CIP (pgs.) Application - Rule 1.53(d) CPA Transmittal (pgs.) Application - Design (pgs.) Application - PCT (pgs.) Application - Provisional (pgs.) Assignment and Cover Sheet Certificate of Mailing (Express) Declaration & POA (pgs.) Declaration & POA (pgs.) Disclosure Does & Oig & Copy of Inentods Signed Letter(pgs.) Drawings:# of sheets includes figures	Express Mail No.: EL617210509USE Check No. 37823 Month(s) Extension of Time Am: 822.001 Issue Fee Transmittal Am: 822.001 Issue Fee Transmittal Am: Check No. Am: Am: Check No. Am:
🖾 Other: <u>Utility Transmtl.</u> (2 pa	ages)